

# Notice of Allowability

Application No.

09/993,869

Examiner

Glenda P. Rodriguez

Applicant(s)

OZDEMIR, HAKAN

Art Unit

2627

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/23/2006.
2. ☒ The allowed claim(s) is/are 1-3 and 5-34.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

On Page 1 of the Applicant's Specification, please add the following:

On Line 5, add 09/993877 onto the underlined space.

On Line 7, add 09/993876 on the underlined space.

On Line 9, add 09/994009 on the underlined space.

On Line 10, add 09/993986 on the underlined space.

On Line 12, add 09/993779 on the underlined space.

On Line 14, add 09/993778 on the underlined space.

On Page 26 of the Applicant's Specification, please add the following:

On Line 29, add 09/993779 on the underlined space.

On Line 30, add 09/993986 on the underlined space.

On Page 27 of the Applicant's Specification, please add the following:

On Line 7, add 09/994009 on the underlined space.

On Page 28 of the Applicant's Specification, please add the following:

On Line 7, add 09/993986 on the underlined space.

### **DETAILED ACTION**

*Allowable Subject Matter*

1. Claims 1-3 and 5-34 are allowed.

2. The following is an examiner's statement of reasons for allowance:

Regarding Claims 1 and 23, the primary reason of allowance is the inclusion of the limitation wherein a processor coupled to the servo channel and operable to detect a first spin-up wedge associated with a first one of the servo wedges and then to detect the first servo wedge by detecting a preamble of the first servo wedge using a trigonometric identity while the disk is attaining or after the disk attains an operating speed and before the servo channel detects any other servo wedge.

Regarding Claims 8 and 18, the primary reason of allowance is given in the Office Action dated 02/23/2006.

Regarding Claims 20 and 29, the primary reason of allowance is the inclusion of the limitation wherein a processor coupled to the servo channel and operable to detect first and second portions of one of the servo wedges while the disk is attaining or after the disk attains an operating speed and before the servo channel recovers servo data from any other servo wedge, the processor operable to detect the second portion using a trigonometric identity.

Regarding Claim 30, the primary reason of allowance is the inclusion of the limitation after detecting the spin-up wedge, detecting a servo wedge by detecting a preamble of the servo wedge using a trigonometric identity, the servo wedge identifying a sector of the data-storage disk.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Glenda P. Rodriguez whose telephone number is (571) 272-7561. The examiner can normally be reached on Monday thru Thursday: 7:00-5:00; alternate Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrea L. Wellington can be reached on (571) 272-4483. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
gpr  
11/07/2006.

  
ANDREA WELLINGTON  
SUPERVISORY PATENT EXAMINER